

DEPARTMENT OF THE ARMY  
Omaha District, Corps of Engineers  
106 South 15th Street  
Omaha, Nebraska 68102-1618

:NOTICE: Failure to acknowledge : Solicitation No. DACW45 03 B 0010  
:all amendments may cause rejec- :  
:tion of the bid. See FAR : Date of Issue: 31 Mar 2003  
:52.214-3 of Section 00100 : NEW Date of Opening: 05 Jun 2003

Amendment No. 0004  
23 May 2003

SUBJECT: Amendment No. 0004 to Specifications and Drawings for Construction of  
Rearing Ponds and Hatchery Complex, Fort Peck Fish Hatchery, Fort  
Peck, MT.

Solicitation No. DACW45 03 B 0010.

TO: Prospective Bidders and Others Concerned

1. The specifications and drawings for subject project are hereby modified as follows (revise all specification indices, attachment lists, and drawing indices accordingly).

a. Specifications. (Descriptive Changes.)

(1) Page 00010-1, delete date and time of bid opening shown and substitute "05 Jun 2003" at "2:00".

(2) Section 02370A Page 4, paragraph 1.1, under GEOSYNTHETIC INSTITUTE (GSI) add the following:

"GSI GRI GM-14 (1998) Selecting Variable Intervals for Taking Geomembrane Destructive Seam Samples Using the Method of Attributes".

(3) Section 05400A Page 2, Part 1 GENERAL, After second sentence reading "Metal framing . . . Section 09250 Gypsum Wallboard." add new sentence "Sheathing for exterior steel stud walls shall be plywood in accordance with Section 06100A ROUGH CARPENTRY."

(4) Section 08331A Page 4, paragraph 2.3, add the following to the end of the paragraph:

"Integral frame rolling counter door includes the manufacturing and installation of the door and door frame assembly. Window frames adjacent to the rolling counter doors are not required to be a part of the integral rolling counter door assembly. "

(5) Section 09250 Page 3, paragraph 1.1, add the following to the list of ASTMs:

"ASTM A 463/A 463M (1997; Rev. A) Steel Sheet, Aluminum-Coated, by the Hot-Dip Process

ASTM A 653/A 653M (1998) Steel Sheet, Zinc-Coated (Galvanized) or

Zinc-Iron Alloy-Coated (Galvannealed) by the Hot-Dip Process

ASTM C 645 (1998) Nonstructural Steel Framing Members

ASTM C 754 (1997) Installation of Steel Framing Members to Receive Screw-Attached Gypsum Panel Products "

(6) Section 09250 Page 4, paragraph 1.2, add the following to the list of submittals:

"SD-02 Shop Drawings

Metal support systems; G-AO

Submit for the erection of metal framing, furring, and ceiling suspension systems. Indicate materials, sizes, thicknesses, and fastenings. "

(7) Section 09250 Page 7, add the following new paragraphs:

"2.1.8.1 Steel Galvanizing Coating

Provide steel stud materials with galvanized coating ASTM A 653/A 653M, G-60; aluminum coating ASTM A 463/A 463M, T1-25; or a 55-percent aluminum-zinc coating.

2.1.8.2 Materials for Attachment of Gypsum Wallboard

2.1.8.2.1 Suspended and Furred Ceiling Systems

ASTM C 645.

2.1.8.2.2 Nonload-Bearing Wall Framing and Furring

ASTM C 645, but not thinner than 0.0179 inch thickness, with 0.0329 inch minimum thickness supporting wall hung items such as cabinetwork, equipment and fixtures. "

(8) Section 09250 Page 8, add the following new paragraphs:

"3.1.3 Systems for Attachment of Gypsum Wallboard

3.1.3.1 Suspended and Furred Ceiling Systems

ASTM C 754, except that framing members shall be 16 inches o.c. unless indicated otherwise.

3.1.3.2 Nonload-Bearing Wall Framing and Furring

ASTM C 754, except as indicated otherwise.

3.11 ERECTION TOLERANCES

Framing members which will be covered by finish materials such as wallboard shall be within the following limits:

- a. Layout of walls and partitions: 1/4 inch from intended position;
- b. Plates and runners: 1/4 inch in 8 feet from a straight line;
- c. Studs: 1/4 inch in 8 feet out of plumb, not cumulative; and
- d. Face of framing members: 1/4 inch in 8 feet from a true plane. "

(9) Section 11378 Page 4, paragraph 2.1.2, Change the first sentence to read: "Circular -12 total; 6 foot diameter, ...."

(10) Section 11378 Page 4, delete paragraph 2.1.4, and substitute "NOT USED".

(11) Section 11378 Page 4, paragraph 2.2.2: Change Heading of section to read: "Fiberglass Tankage (Circular -12 total; Rectangular - 49 total)

b. Drawings (Not Reissued). The following drawing sheets are revised as indicated below with latest revision date of 23 May 2003. These drawings are not reissued with this amendment.

(1) Sheet A9.09, Detail 5,

- a) delete "Varies 2" Max" and substitute "Varies 4" Max".
- b) delete the " 3" " dimension near the above note, and substitute " 4" "

(2) Sheet A4.12, Elevation Detail, delete the reference note on the far right reading "A5.08" and substitute "A9.08".

(3) Sheet S1.03, Delete the two notes at columns on gridlines 3-K, 3-K.1 and 3-K.2 "T.O. Pedestal El 100'-0"" and substitute notes "T.O. Pedestal El 98'-0"."

(4) Sheets S1.04, S1.05, S1.06 & S1.07, on Foundation Plans, revise control joint (CJ) layout adjacent to column pedestals in accordance with details on new drawing sheet S4.09 attached.

(5) Sheet S1.04 Note 2: delete "Tops of columns pedestals in Area D are Elevation 100'-0" unless shown otherwise," and substitute "Tops of columns pedestals in Area D are as shown on sheet S4.09 unless shown otherwise on this sheet."

(6) Sheet S1.05 Note 2: delete "Tops of columns pedestals in Area E are Elevation 100'-0" unless shown otherwise," and substitute "Tops of columns pedestals in Area E are as shown on sheet S4.09 unless shown otherwise on this sheet."

(7) Sheet S1.06,

- a) At column on gridline 4.2-K add note "T.O. Pedestal El 100'-0"."
- b) Delete note at column on gridline 3-K "T.O. Pedestal El 100'-0"" and substitute notes "T.O. Pedestal El 98'-0"."
- c) At exterior wall on gridline K between gridlines 3 and 4.2 add note "T.O.concrete wall elevation 98'-0", fully grout all CMU below grade."
- d) At exterior wall on gridline K between gridlines 4.2 and 5 add note "T.O. concrete wall elevation 100'-0"."

- e) At columns on gridlines 6.1-E, 6.1-H, delete note "T.O. Pedestal El 100'-0", and substitute notes "T.O. Pedestal El 99'-6".
- f) At columns on gridlines 6.1-H.1 and 6.1-J delete note "T.O. Pedestal El 100'-0", and substitute notes "T.O. Pedestal El 99'-0".
- g) At column on gridline 6.1-D delete note "T.O. Pedestal El 100'-0", and substitute notes "T.O. Pedestal El 99'-6".

(8) Sheet S1.07, Note 2: delete "Tops of columns pedestals in Area G are Elevation 100'-0" unless shown otherwise," and substitute "Tops of columns pedestals in Area G are as shown on sheet S4.09 unless shown otherwise on this sheet."

(9) Sheet S4.02, Section 10 delete note "2"x2" stair nosing w/ anchors at 16" o.c." and substitute "Metal nosing, See Detail 5/A5.32."

(10) Sheet S4.06, Add new note "6. SEE SHEET S4.09 FOR PEDESTALS DEPRESSED BELOW FLOOR ELEVATION."

(11) Sheets S5.03, S5.04, S5.05, S5.06, S5.08 and S5.09, on FRAMING ELEVATIONS change note "Bottom of Base Plate Elevation = 100'-0 3/4" to "Bottom of Base Plate Elevation = 99'-6 3/4" for the columns on the following gridlines: 4-B.2, 4-B.5, 4.4-B.1, 4.4-B.3, 5-B.5, 6.1-D, 6.1-E, 7.2-D, 7.2-D.2, 7.2-E, 8.5-E.

(12) Sheet S5.03, S5.04, S5.05, S5.06, S5.08 and S5.09, on FRAMING ELEVATIONS change note "Bottom of Base Plate Elevation = 100'-0 3/4" to "Bottom of Base Plate Elevation = 99'-0 3/4" for columns on the following gridlines: 4-B, 4.1-A, 4.1-B, 4.4-A, 6-A, 6-B, 6.1-H, 7-H.1, 7-J, 7.2-H, 8-B, 8-B.2, 8-B.5, 8-C, 8.5-D, 8.5-H, 9-C, 9-C.1, 9-C.2, 9-C.4, 10-D, 10-E, 10.1-D, 10.1-E, 10.2-D.1, 10.2-D.5, and 11-D.3.

(13) Sheet S5.03, S5.09 and S5.10, on FRAMING ELEVATIONS change note "Bottom of Base Plate Elevation = 100'-0 3/4" to "Bottom of Base Plate Elevation = 98'-0 3/4" for columns on the following gridlines: 3-K, 3-K.1 and 3-K.2.

(14) Sheet S5.03, on Column line 4.4, add two vertical lines representing a column beneath the W24 on gridline A, label the new column "W8", with bottom of base plate at elevation " 99'-0 3/4 " .

(15) Sheet S8.06 "SCREEN DETAILS" delete "1 1/2" x 1 1/2" x 1/4" Alum. Tubing" and substitute "1 1/2" x 1 1/2" x 1/8 Alum. Tubing."

c. Drawings (Partial Detail Reissued). The following drawing sheets are revised as indicated below with latest revision date of 23 May 2003. These drawings are not reissued in full, only a portion of the sheet is reissued with this amendment and are attached as 8-1/2 x 11 sheets.

M8.08 Process Piping  
 A5.11 Detail 2  
 A5.20 Detail 4  
 A5.20 Detail 6  
 S1.03 Foundation Plan Area 'C'  
 S1.05 Foundation Plan Area 'E'

S1.09 Foundation Plan Area 'K'  
S4.02 Section 1  
S4.02 Section 8  
S4.02 Section 12  
S4.03 Section 15  
S4.03 Section 18  
S4.04 Section 22  
S4.04 Section 23  
S4.07 Section 1  
S4.08 Section 27  
S8.02 Raceway Fish Screen Detail  
S8.02 Raceway Adjustable Flow Baffle Detail  
S8.03 Section 1

d. Drawings (Partial Detail NEW). The following drawing sheets are new as indicated below with latest revision date of 23 May 2003. These drawings are new and issued as 8-1/2 x 11 sheets.

Sheet S4.09 on attached 8.5x11 pages, section "COLUMN FOOTINGS AND PEDESTAL SECTION AT INTERIOR COLUMNS NOT ON RAISED PEDESTALS" and "COLUMN FOOTINGS AND PEDESTAL SECTION AT EXTERIOR COLUMNS NOT ON RAISED PEDESTALS."

2. This amendment is a part of the bidding papers and its receipt shall be acknowledged on the Standard Form 1442. All other conditions and requirements of the specifications remain unchanged. If the bids have been mailed prior to receiving this amendment, you will notify the office where bids are opened, in the specified manner, immediately of its receipt and of any changes in your bid occasioned thereby.

a. Hand-Carried Bids shall be delivered to the U.S. Army Corps of Engineers, Omaha District, Contracting Division (Room 301), 106 South 15th Street, Omaha, Nebraska 68102-1618.

b. Mailed Bids shall be addressed as noted in Item 8 on Page 00010-1 of Standard Form 1442.

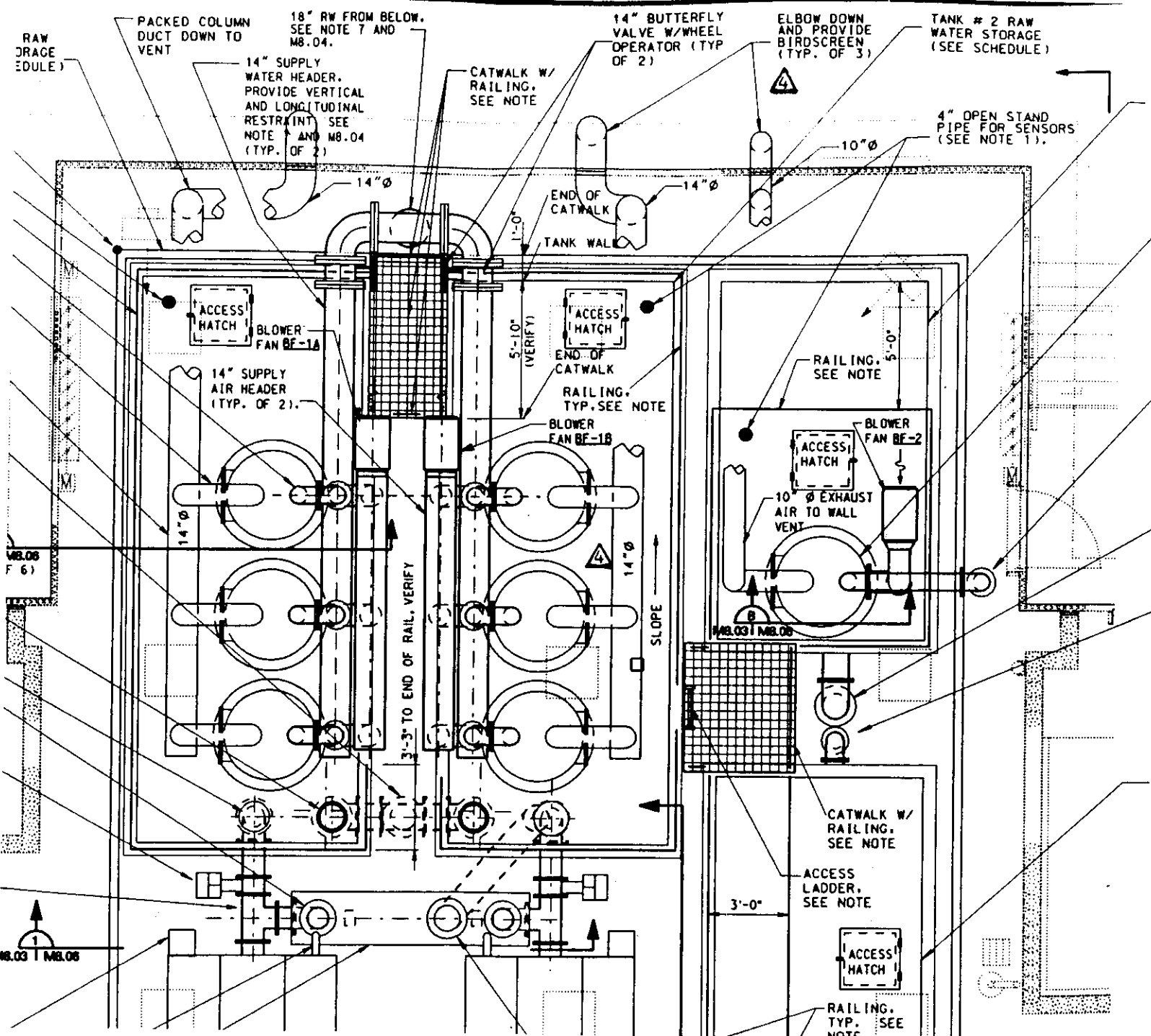
3. Bids will be received until 2:00 p.m., local time at place of bid opening, 05 June 2003.

Attachments:

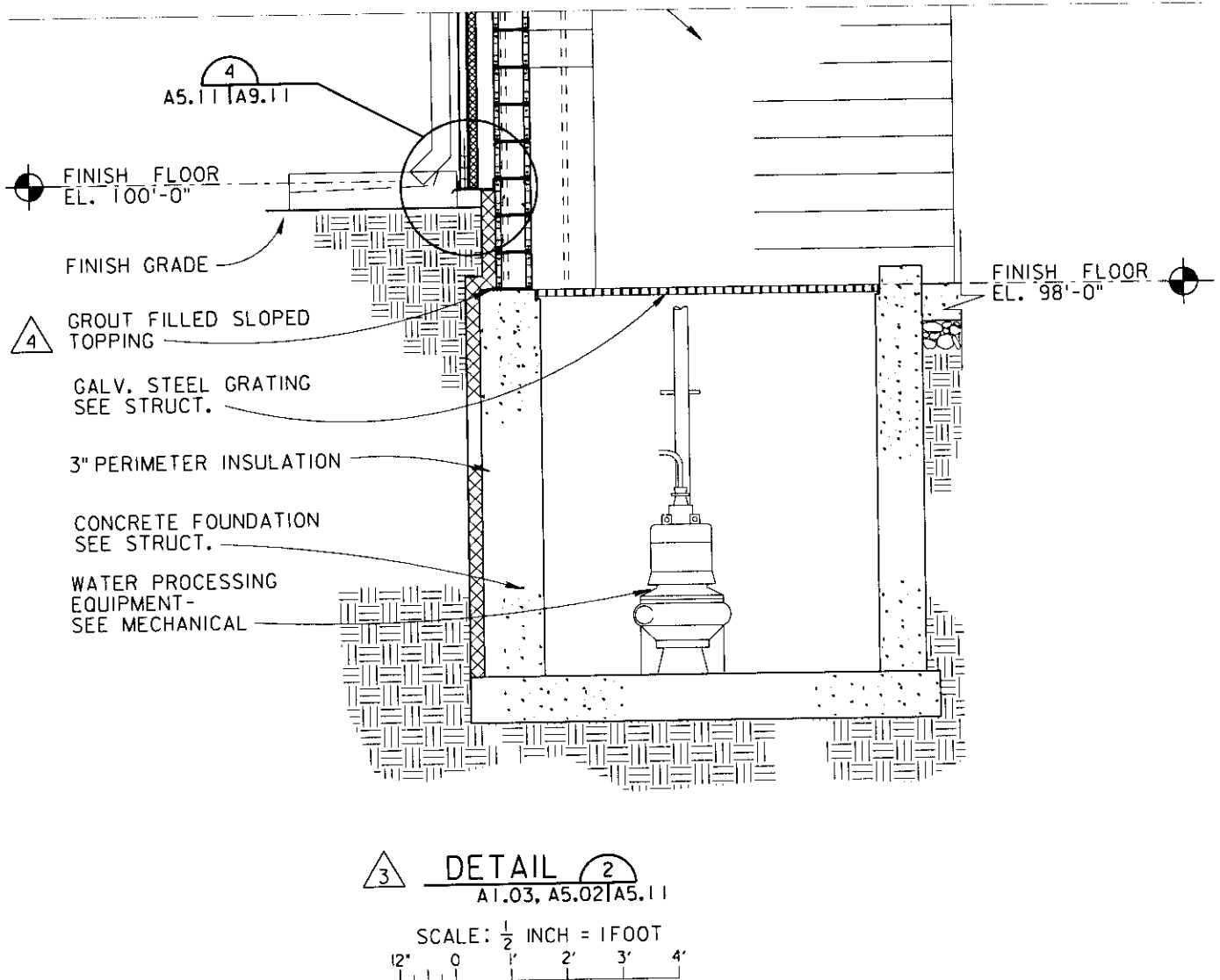
Details listed in 1.c. and 1.d above

U.S. Army Engineer District, Omaha  
Corps of Engineers  
106 South 15th Street  
Omaha, Nebraska 68102-1618

23 May 2003  
MFS/4411



**SHEET M8.03 AMENDMENT #0004**  
**GENERAL REVISIONS 5-23-03**



j:\arch\fp22a511.dgn 05/23/2003 07:39:44 AM

# **SHEET A5.11 AMENDMENT #0004** **GENERAL REVISIONS 5-23-03**

C

UNDERSIDE OF STRUCTURE

NON COMBUSTIBLE  
COMPRESSIBLE FILLER

6" BATT INSULATION

6" MTL. STUD FRAMING  
@ 16" O.C.

FINISH CEILING  
WHERE OCCURS  
(SEE SCHEDULE)

TYPE "X", 5/8" GWB EACH SIDE

WALL BASE  
(SEE SCHEDULE)

FINISH FLOOR  
(SEE SCHEDULE)

1 1/2"  
1"

4

NOTE:  
CROWN MOLDING AS  
INDICATED ON ROOM  
FINISH SCHEDULE

METAL STUD PARTITION

SCALE : 1 1/2" = 1'-0"

6 6F

UNDERS

NON CO  
COMPRE

6" MTL.  
@ 16" O

FINISH  
WHERE  
(SEE SC

TYPE "X

WALL B  
(SEE SC

FINISH  
(SEE SC

ME T

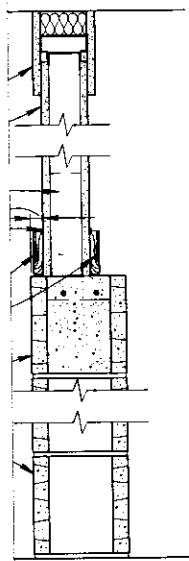
SCAL

UNDERSIDE OF STRUCTURE

**SHEET A5.20 AMENDMENT #0004**  
**GENERAL REVISIONS 5-23-03**

2

1



UNDERSIDE OF STRUCTURE

METAL STUD BRACING  
ALTERNATE DIRECTION  
@ 4'-0" O.C. (TYP.)3 5/8" METAL STUD FRAMING  
@ 16" O.C.FINISH CEILING WHERE  
OCCURS (SEE SCHED.)

5/8" GWB EACH SIDE

WALL BASE (SEE  
SCHEDULE)FINISH FLOOR  
(SEE SCHED.)NOTE:  
CROWN MOLDING AS INDICATED  
ON ROOM FINISH SCHEDULE**METAL STUD PARTITION**

SCALE : 1 1/2" = 1'-0"

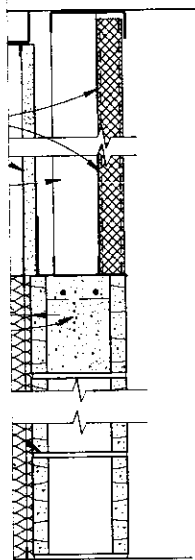
UNDERSIDE OF STRUCTURE

NON COMBUSTIBLE  
COMPRESSIBLE FILLERFINISH CEILING  
WHERE OCCURS  
(SEE SCHEDULE)3 5/8" MTL. STUD FRAMING  
@ 16" O.C.

TYPE "X", 5/8" GWB EACH SIDE

WALL BASE  
(SEE SCHEDULE)FINISH FLOOR  
(SEE SCHEDULE)**METAL STUD PARTITION**

SCALE : 1 1/2" = 1'-0"



UNDERSIDE OF STRUCTURE

NON COMBUSTIBLE  
COMPRESSIBLE FILLER

3 1/2" BATT INSULATION

FINISH CEILING WHERE OCCURS  
(SEE SCHEDULE)3 5/8" MTL. STUD FRAMING  
@ 16" O.C.

TYPE "X", 5/8" GWB EACH SIDE

WALL BASE  
(SEE SCHEDULE)FINISH FLOOR  
(SEE SCHEDULE)NOTE:  
CROWN MOLDING AS  
INDICATED ON ROOM  
FINISH SCHEDULE**METAL STUD PARTITION**

SCALE : 1 1/2" = 1'-0"

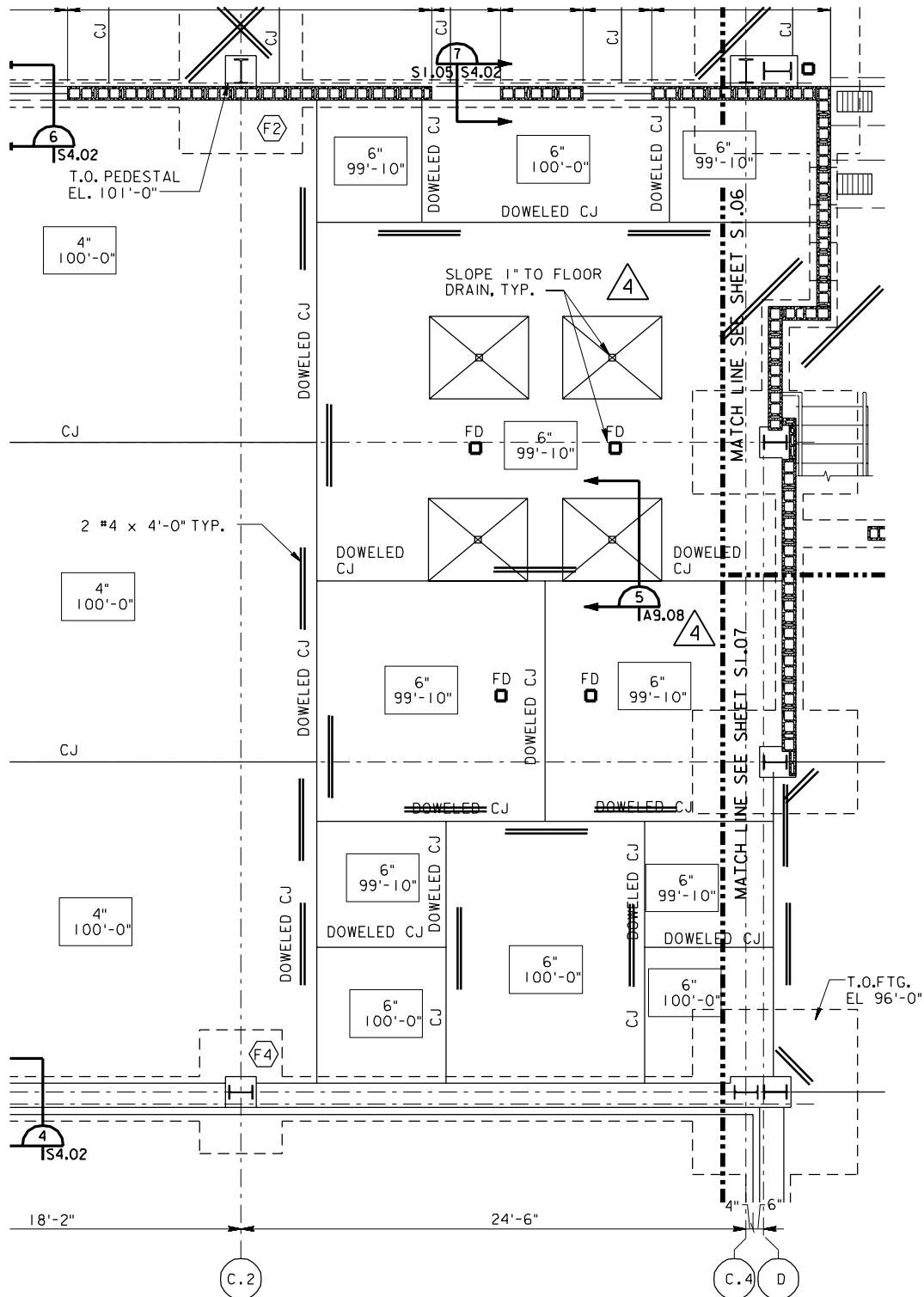
UNDERSIDE OF STRUCTURE

METAL STUD BRACING  
ALTERNATE DIRECTION  
@ 4'-0" O.C. (TYP.)FINISH CEILING WHERE  
OCCURS (SEE SCHED.)3 5/8" METAL STUD FRAMING  
@ 16" O.C.CERAMIC WALL TILE  
TCA METHOD W-244-98  
OVER CEMENT BOARDWALL BASE (SEE  
SCHEDULE)FINISH FLOOR  
(SEE SCHED.)

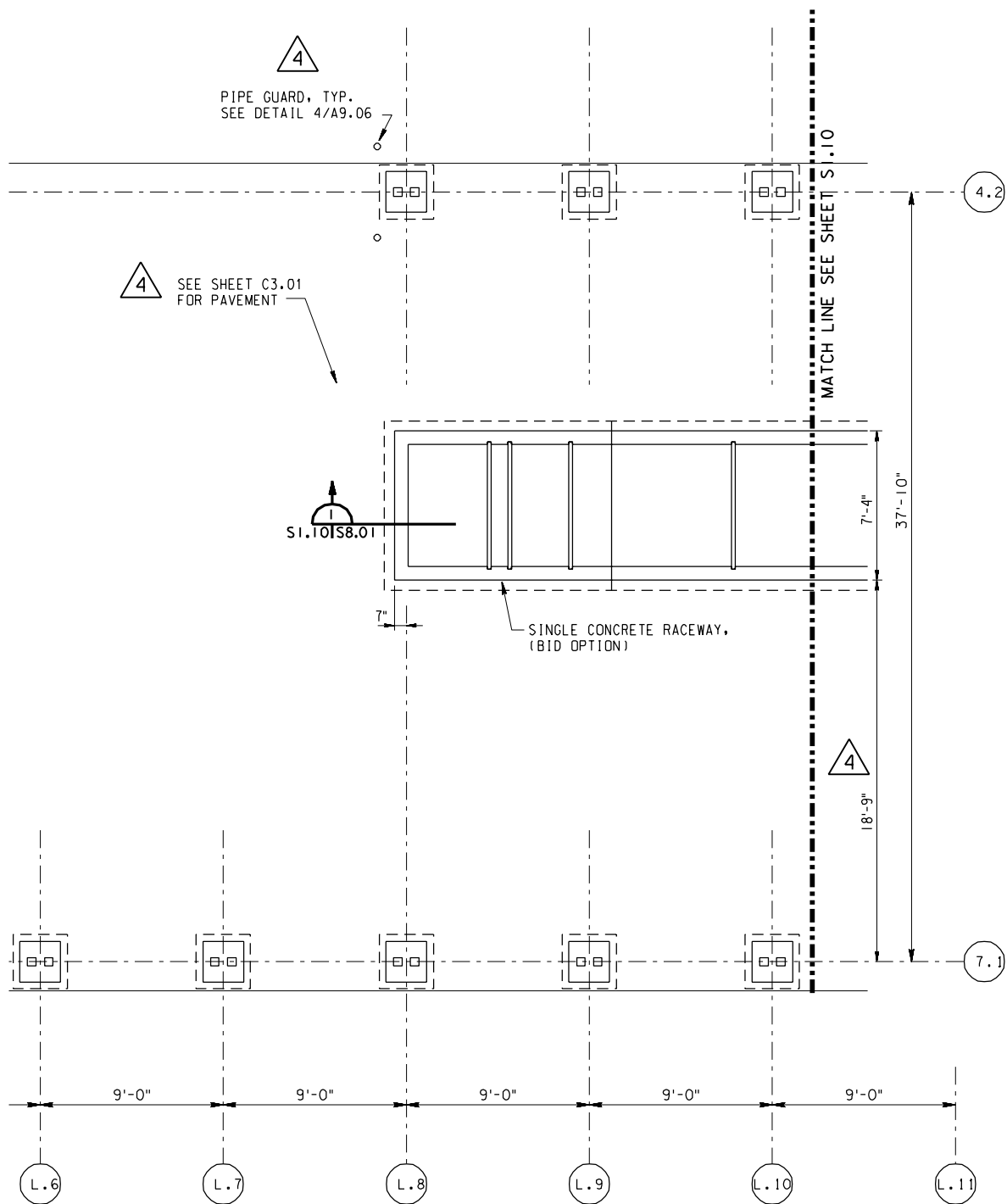
PIIMRING CHASE

**SHEET A5.20 AMENDMENT #0004**  
**GENERAL REVISIONS 5-23-03**

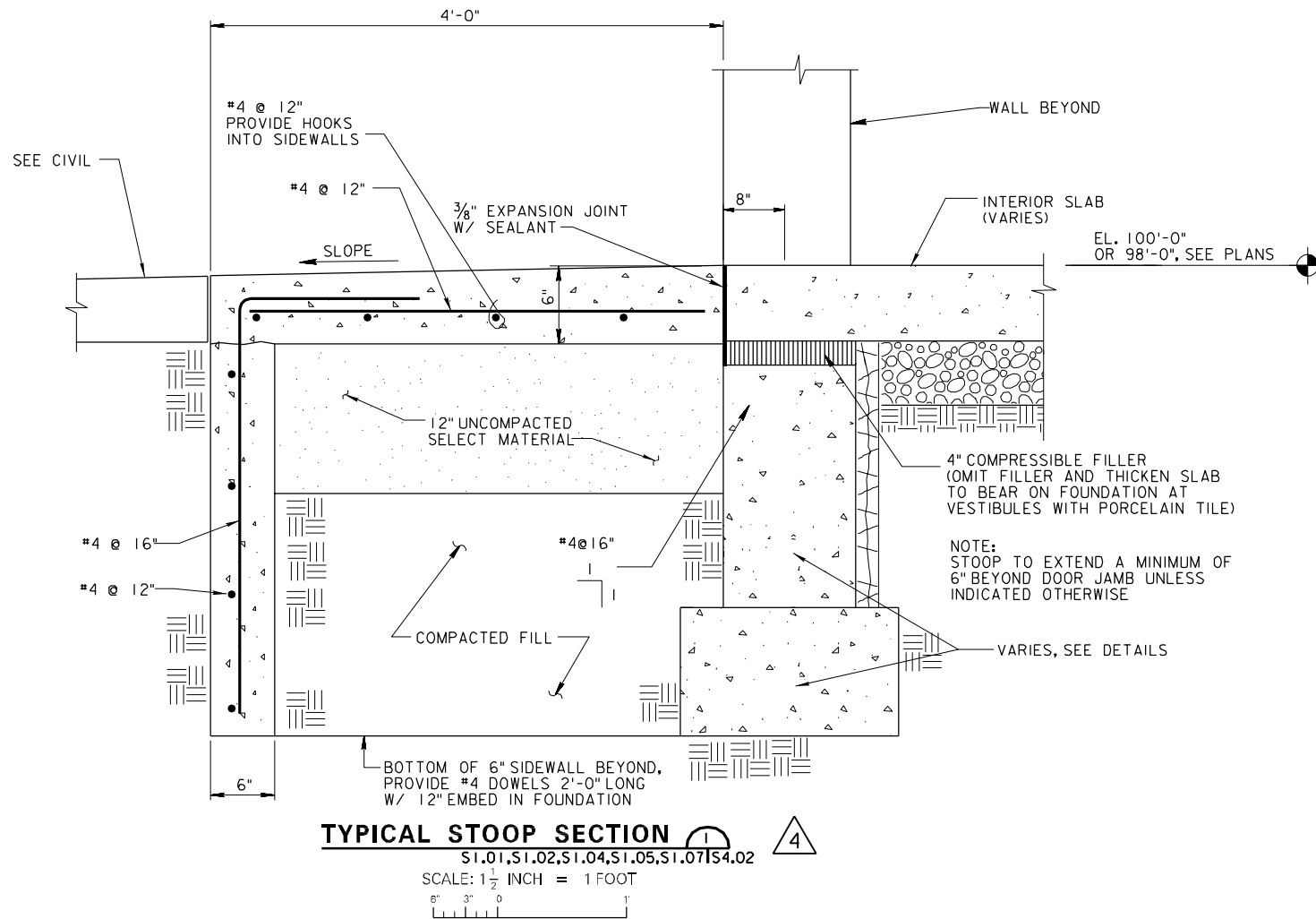




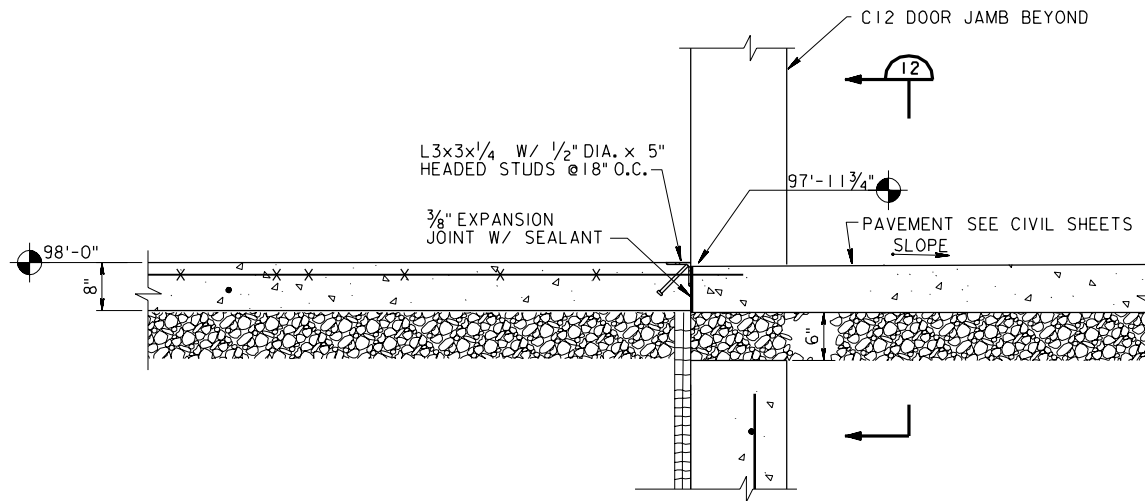
## SHEET S1.05 AMENDMENT #0004 GENERAL REVISIONS 5-23-03



**SHEET S1.09 AMENDMENT #0004**  
**GENERAL REVISIONS 5-23-03**

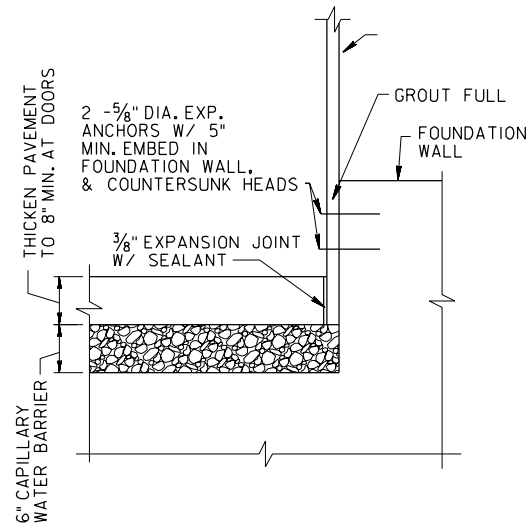


## **SHEET S4.02 AMENDMENT #0004** **GENERAL REVISIONS 5-23-03**



**SECTION** 8-4  
 ST.01, ST.02, ST.03 IS 4.02  
 SCALE: 1 INCH = 1 FOOT

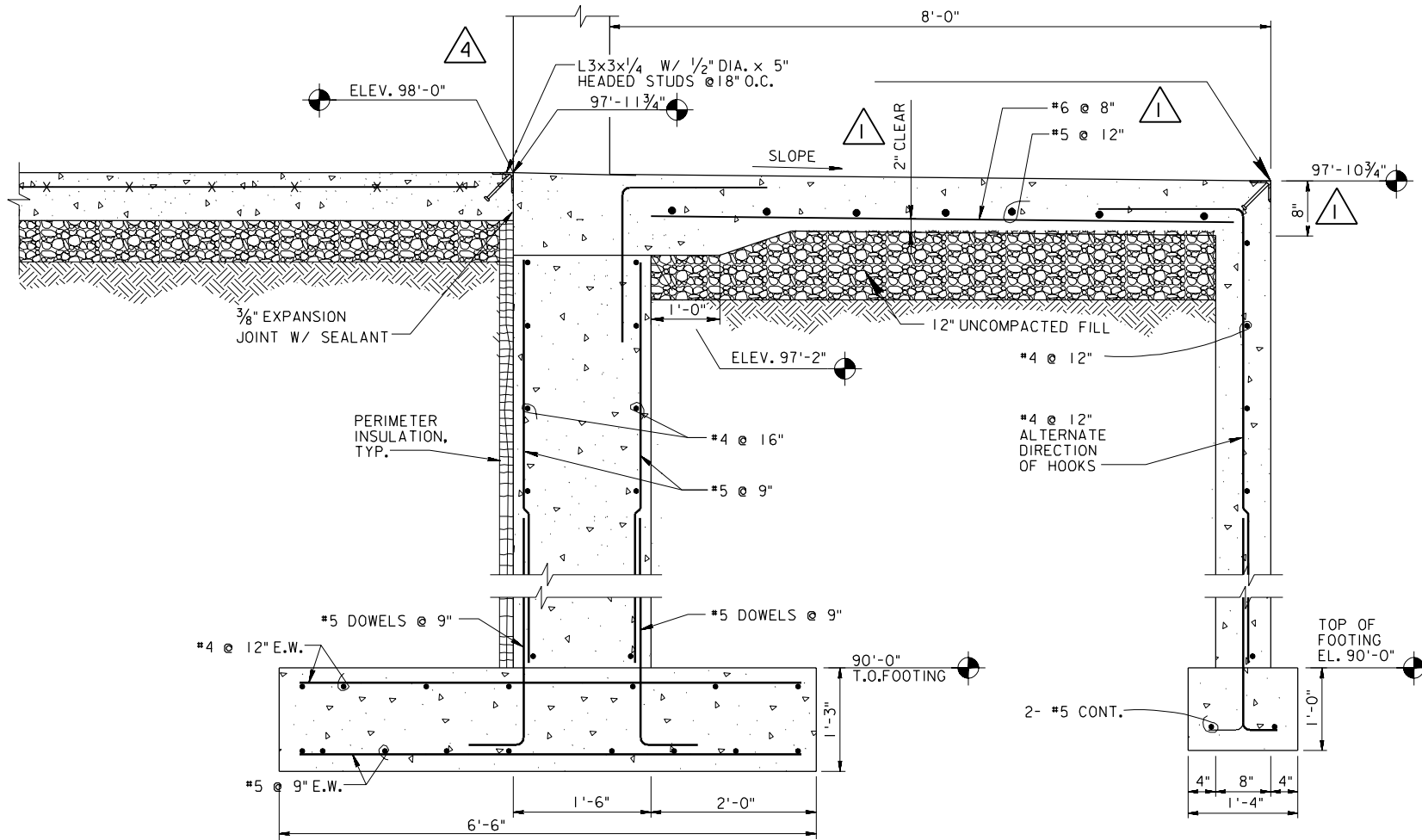
## SHEET S4.02 AMENDMENT #0004 GENERAL REVISIONS 5-23-03



SECTION 12 4

SCALE: 1 INCH = 1 FOOT

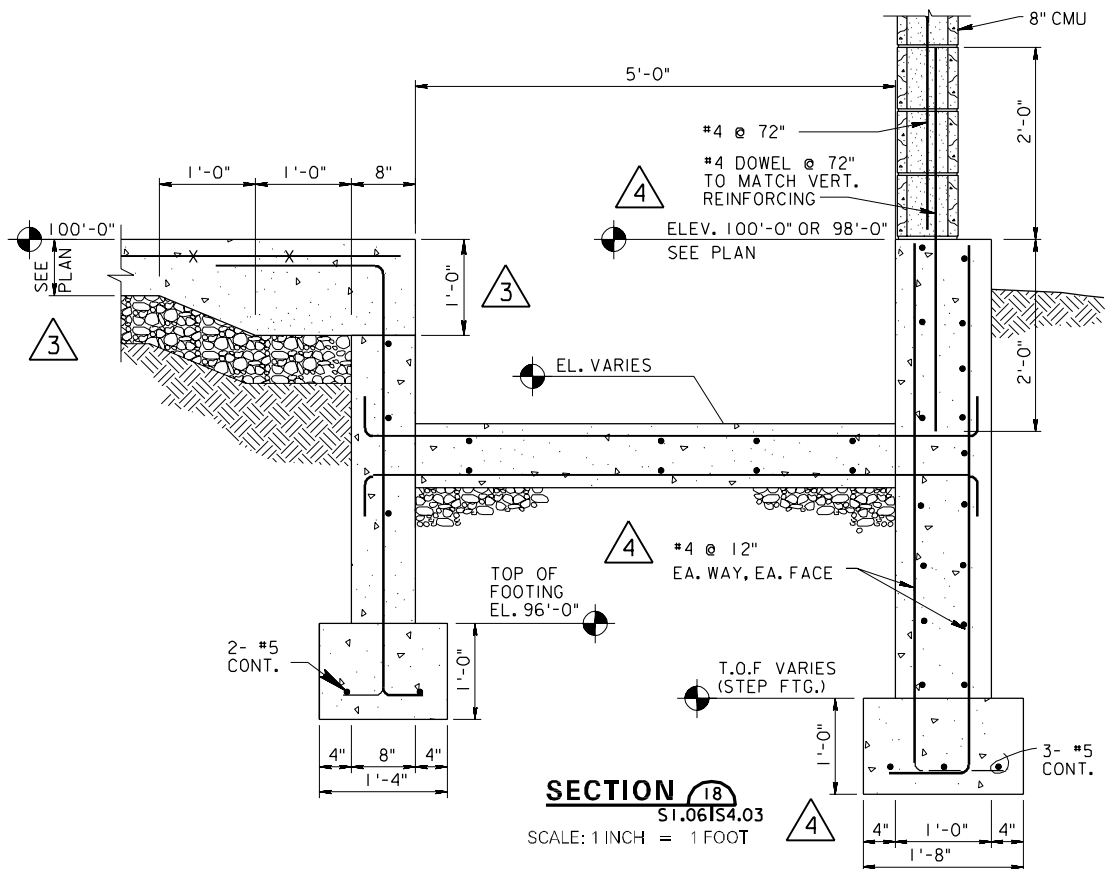
**SHEET S4.02 AMENDMENT #0004**  
**GENERAL REVISIONS 5-23-03**



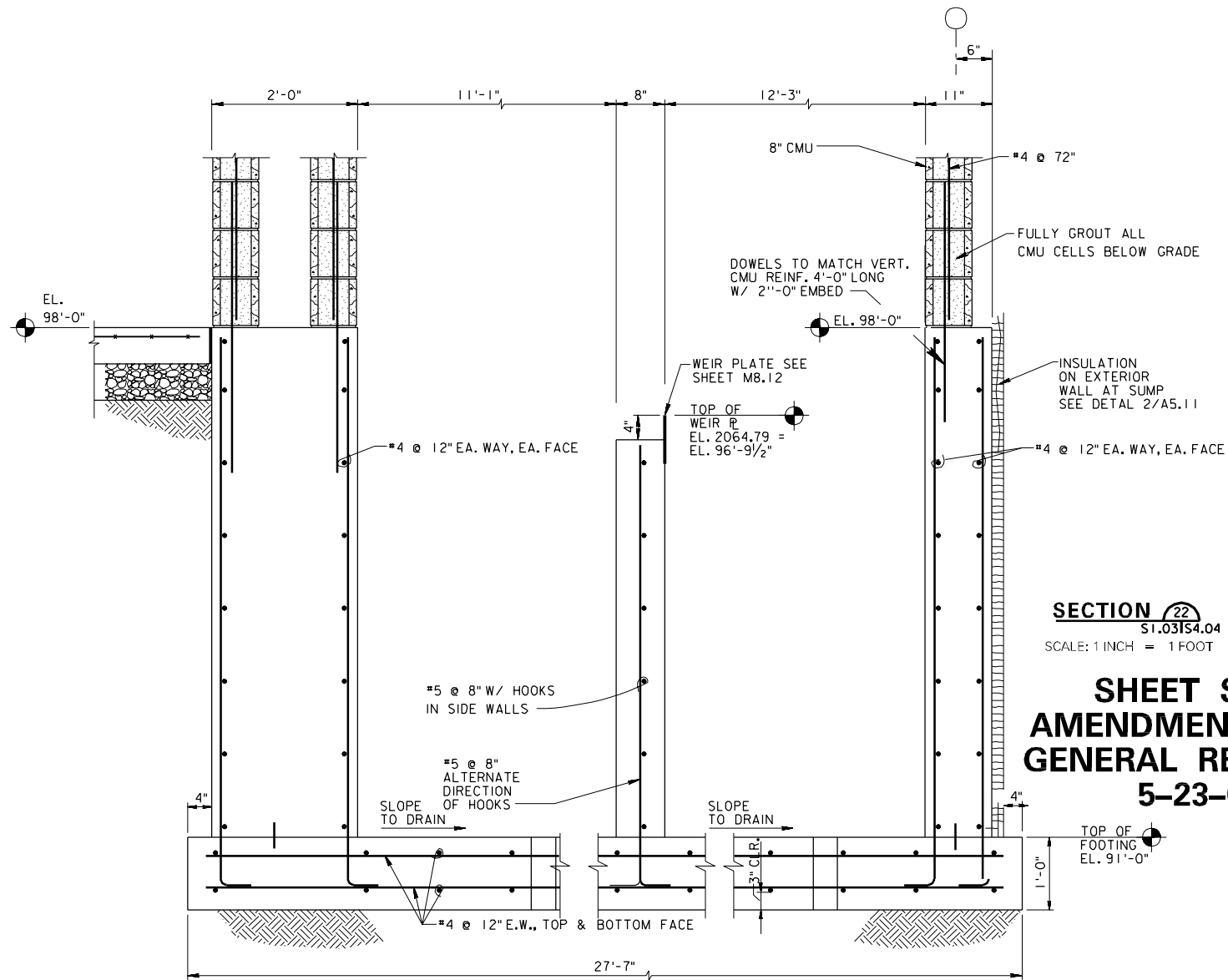
SECTION 15  
S1.031S4.03

SCALE: 1 INCH = 1 FOOT

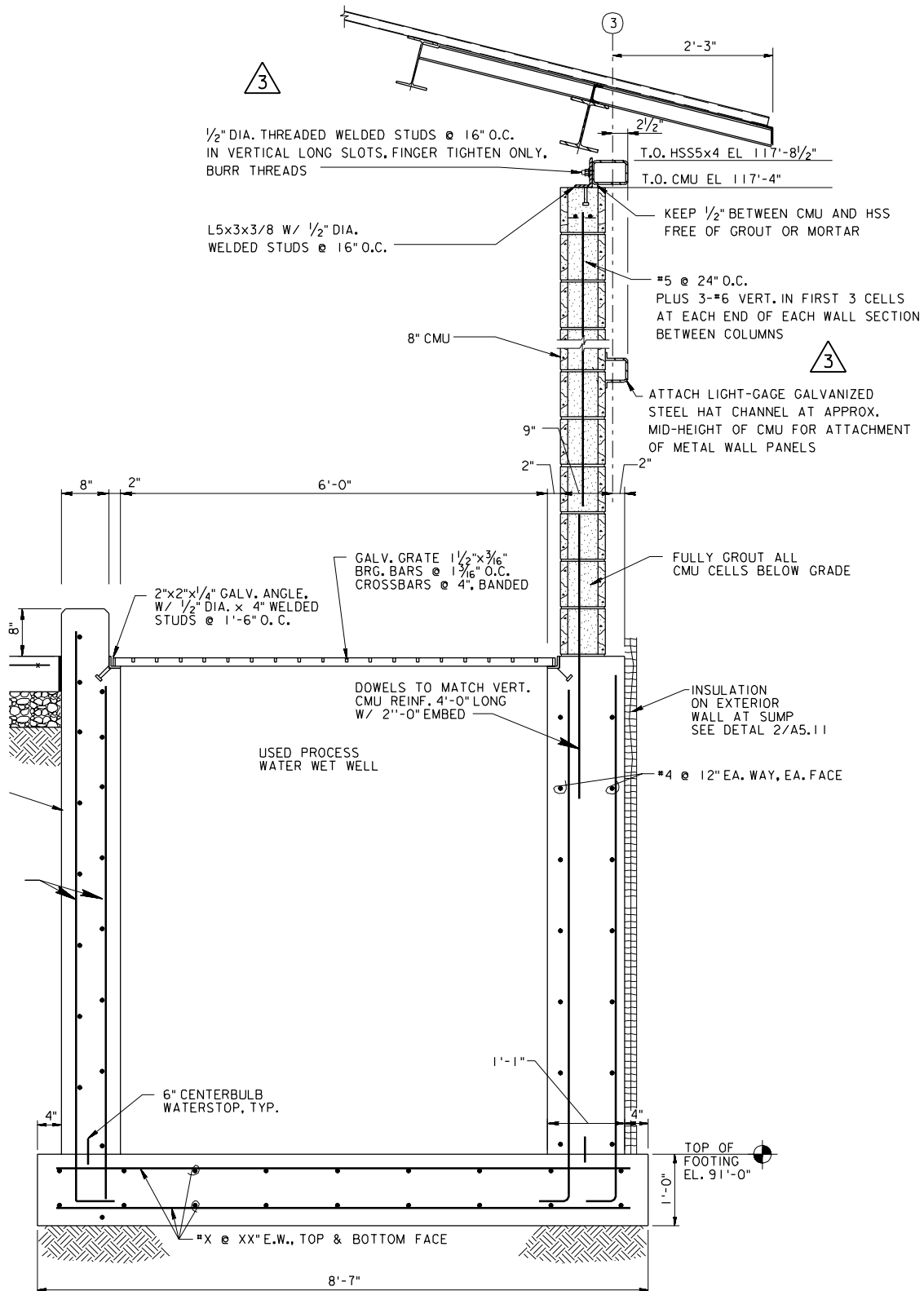
## SHEET S4.03 AMENDMENT #0004 GENERAL REVISIONS 5-23-03



# **SHEET S4.03 AMENDMENT #0004** **GENERAL REVISIONS 5-23-03**

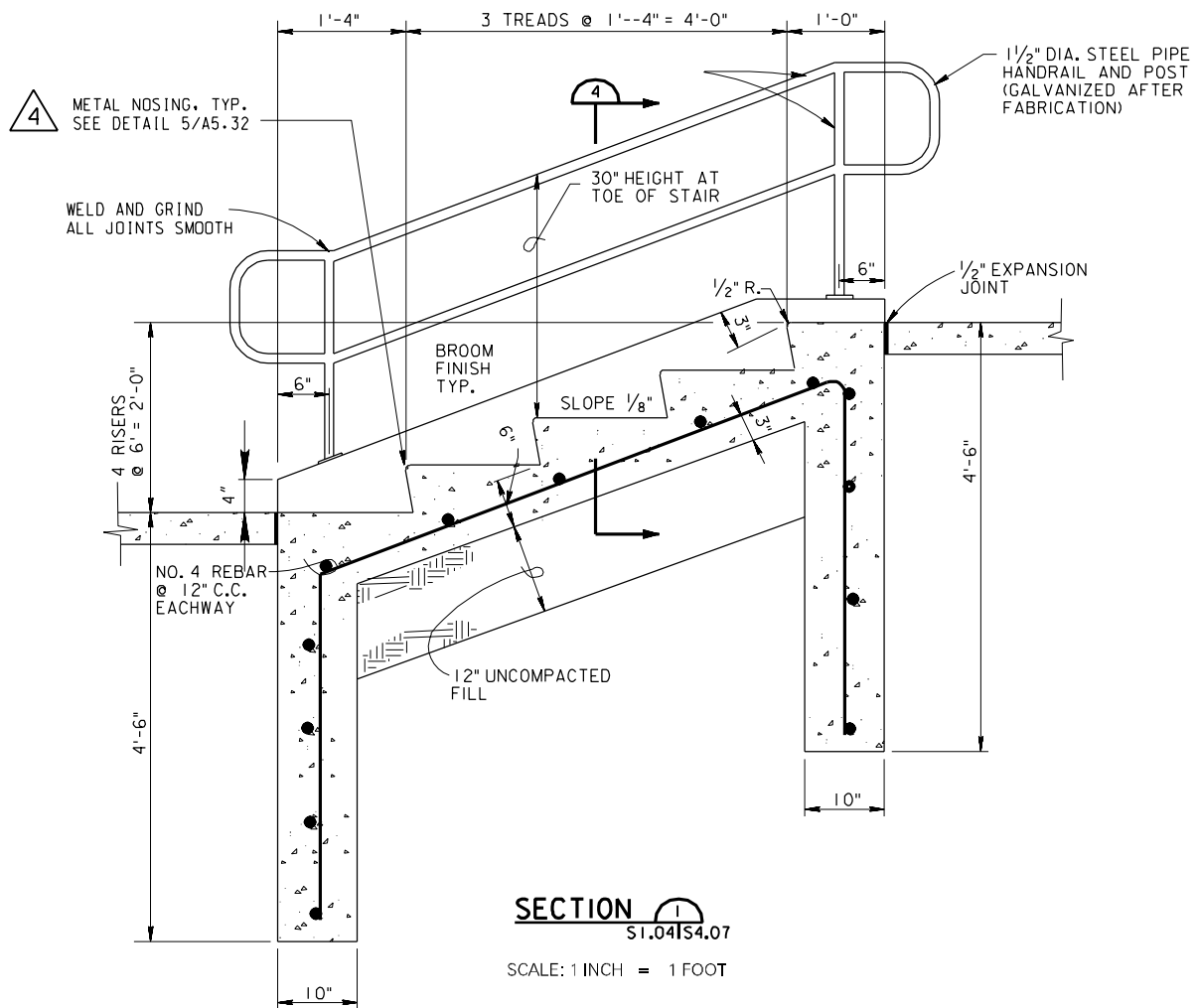


**SHEET S4.04**  
**AMENDMENT #0004**  
**GENERAL REVISIONS**  
**5-23-03**

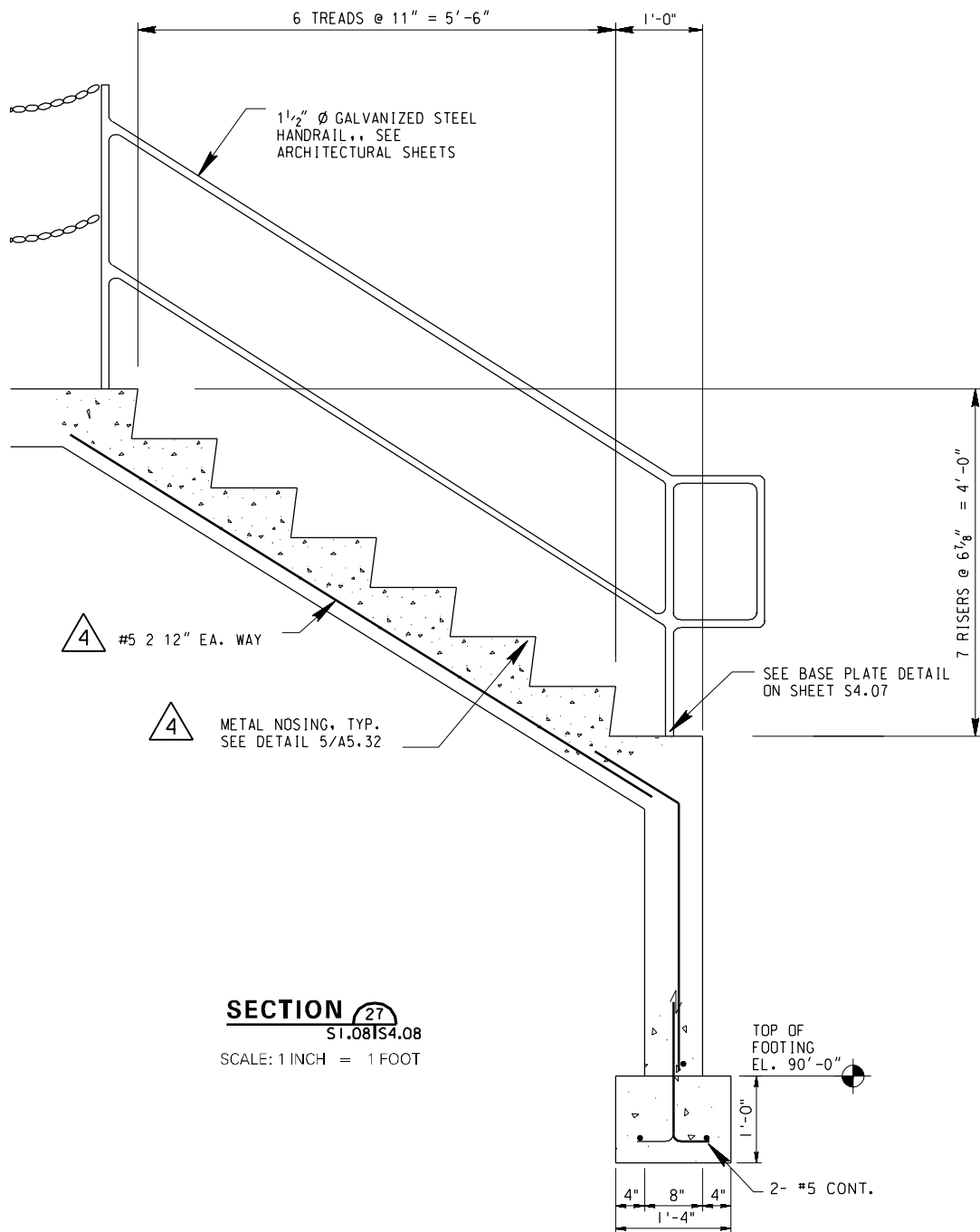


SECTION 23  
S1.03, S5.03, S4.04  
SCALE: 1 INCH = 1 FOOT

**SHEET S4.04 AMENDMENT #0004**  
**GENERAL REVISIONS 5-23-03**

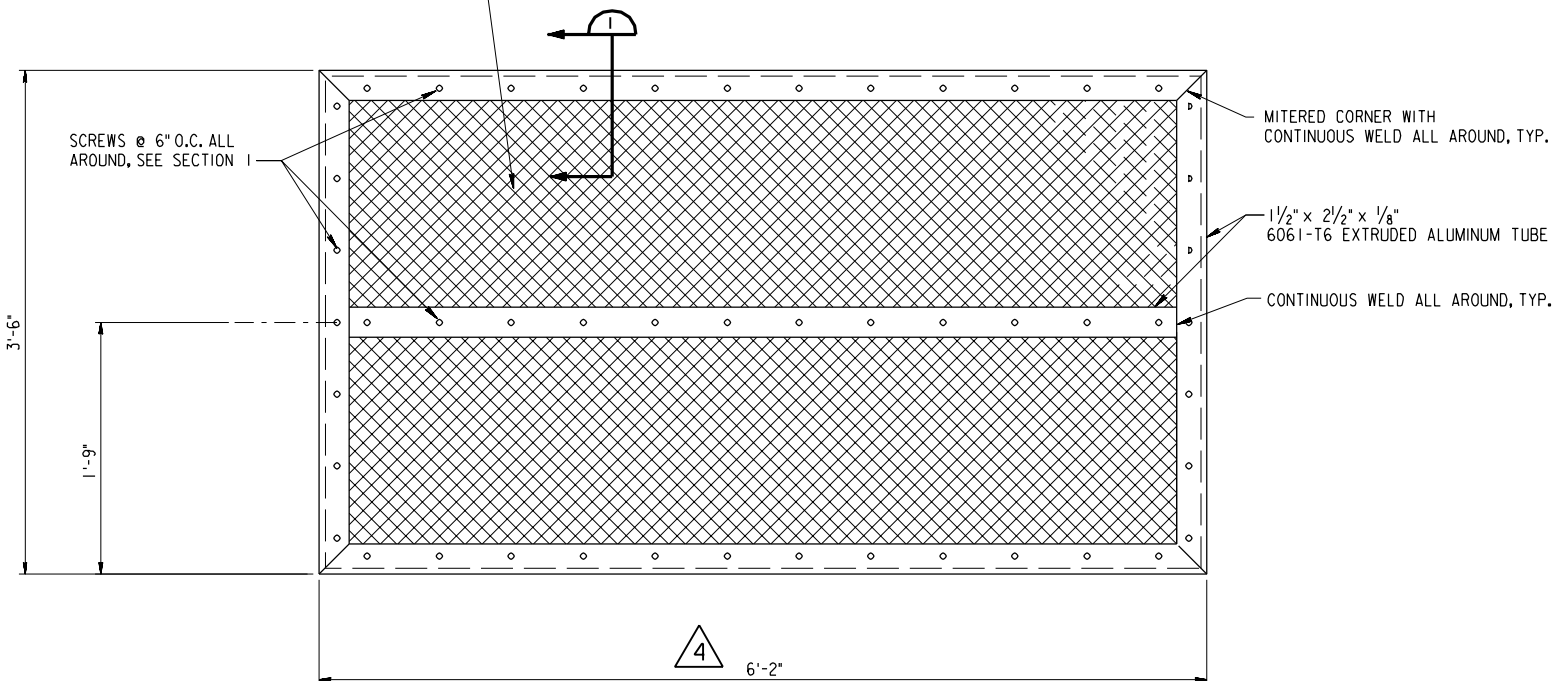


## SHEET S4.07 AMENDMENT #0004 GENERAL REVISIONS 5-23-03



## **SHEET S4.08 AMENDMENT #0004** **GENERAL REVISIONS 5-23-03**

1/8" THICK 6061-T6 ALUMINUM PERFORATED PLATE  
SEE SCHEDULE FOR PERFORATION SIZES AND SPACING

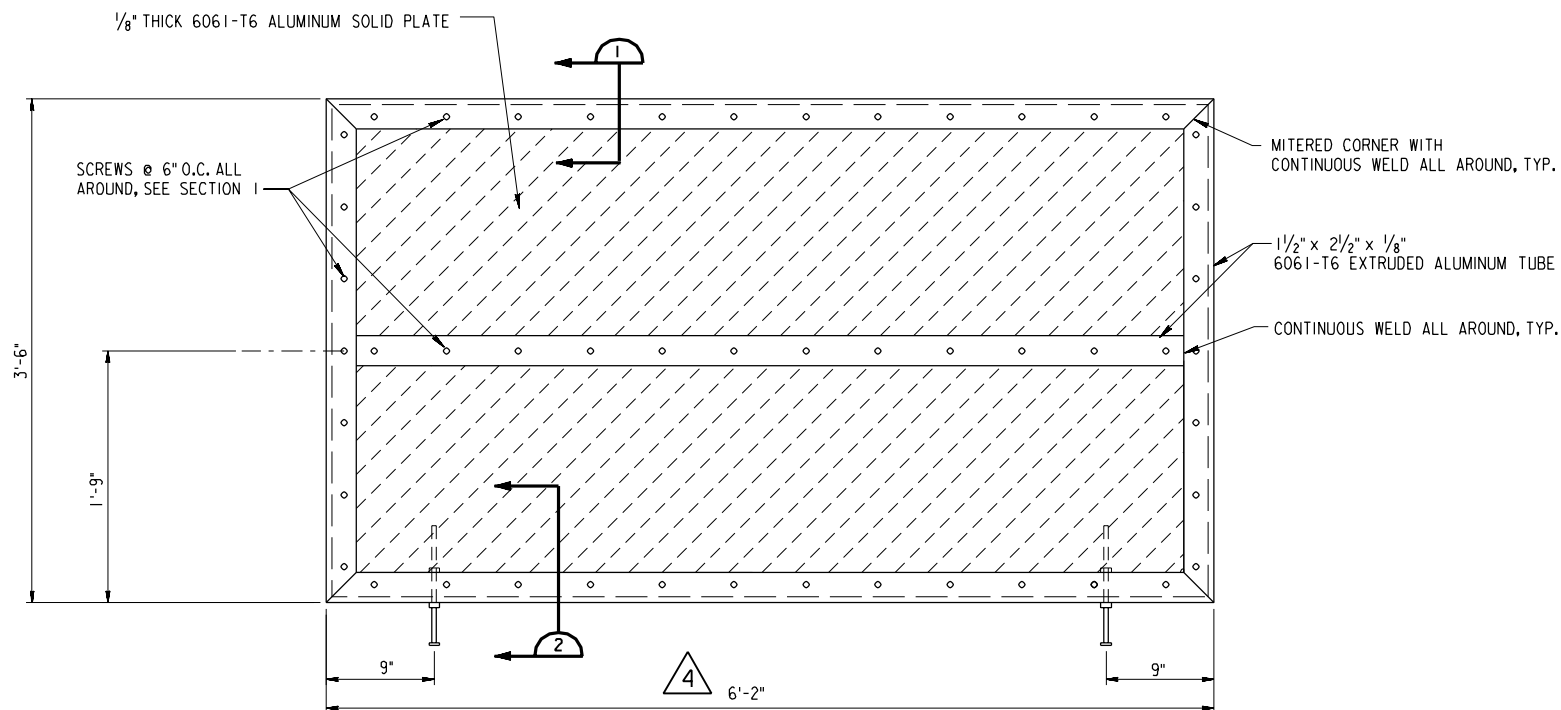


SEE SCHEDULE FOR NUMBER REQUIRED

# RACEWAY FISH SCREEN DETAIL

SCALE: 1 1/2" INCH = 1 FOOT

**SHEET S8.02 AMENDMENT #0004**  
**GENERAL REVISIONS 5-23-03**



PROVIDE ONE BAFFLE AS SHOWN PER RACEWAY  
(8 IN BASIC BID, ONE IN BID OPTION)

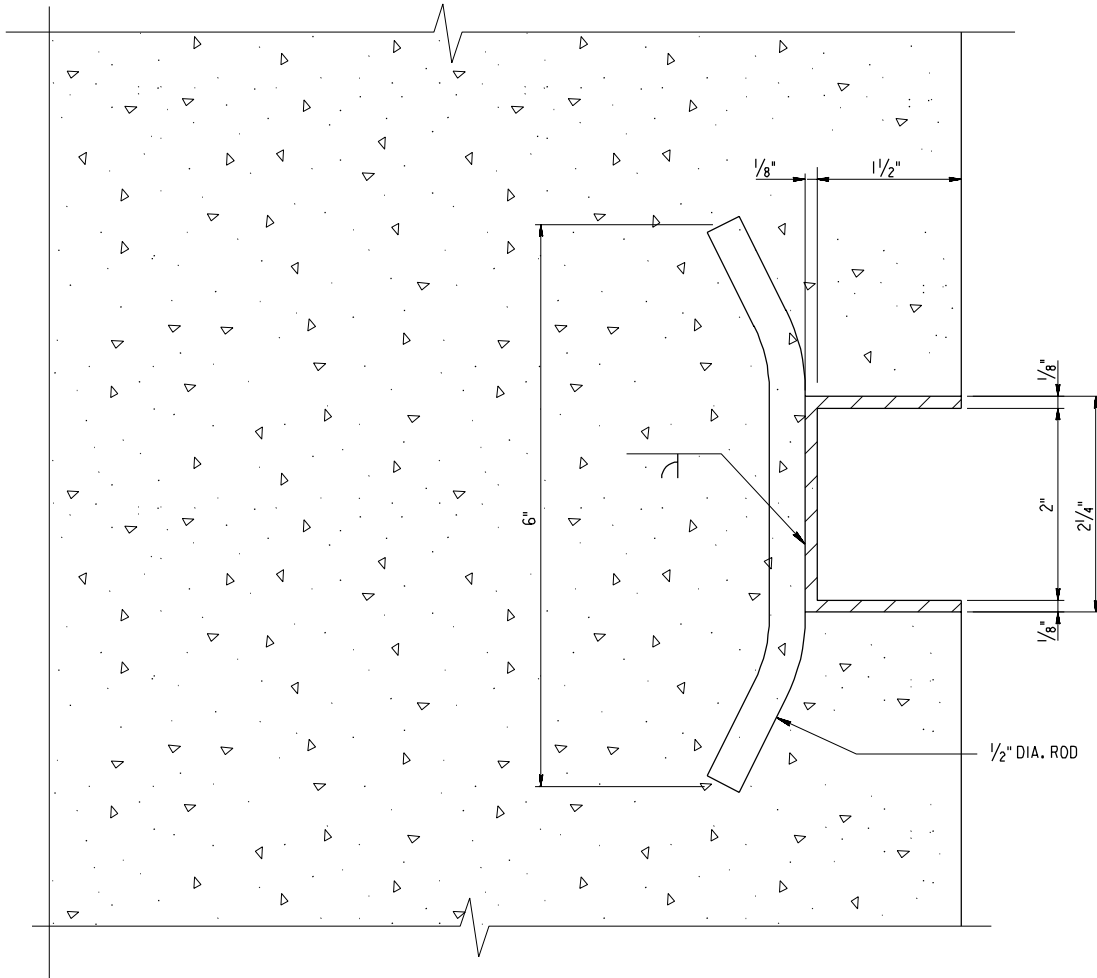
### RACEWAY ADJUSTABLE FLOW BAFFLE DETAIL

SCALE: 1 1/2" INCH = 1 FOOT

6" 3" 0 1"

**SHEET S8.02 AMENDMENT #0004**  
**GENERAL REVISIONS 5-23-03**

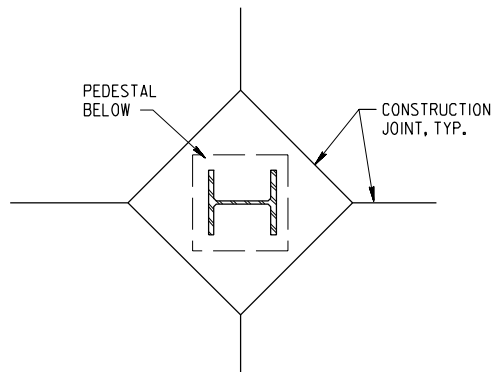
4



SECTION 1

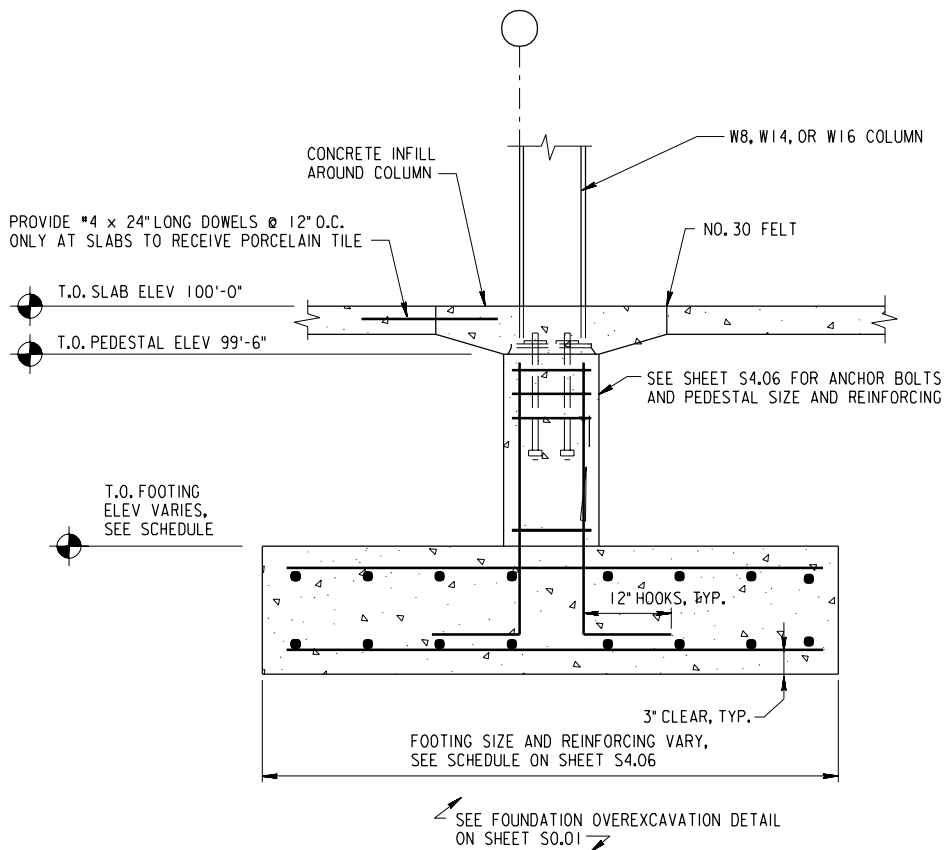
SCALE: 12 INCHES = 1 FOOT  
 0 1" 2" 3"

# **SHEET S8.03 AMENDMENT #0004** **GENERAL REVISIONS 5-23-03**



# **PLAN**

NO SCALE



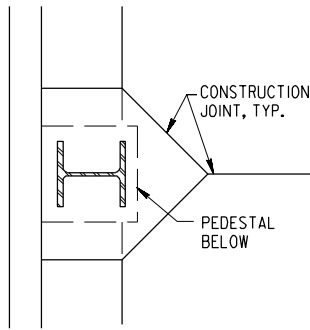
THIS DETAIL APPLIES TO COLUMNS AT THE FOLLOING GRIDLINES:  
4-B.2, 4-B.5, 4.4-B.1, 4.4-B.3, 5-B.5, 6.1-D, 6.1-E, 7.2-D, 7.2-D.2, 7.2-E, AND 8.5-E

4

## **COLUMN FOOTING AND PEDESTAL SECTION** **AT INTERIOR COLUMNS NOT ON RAISED PEDESTALS**

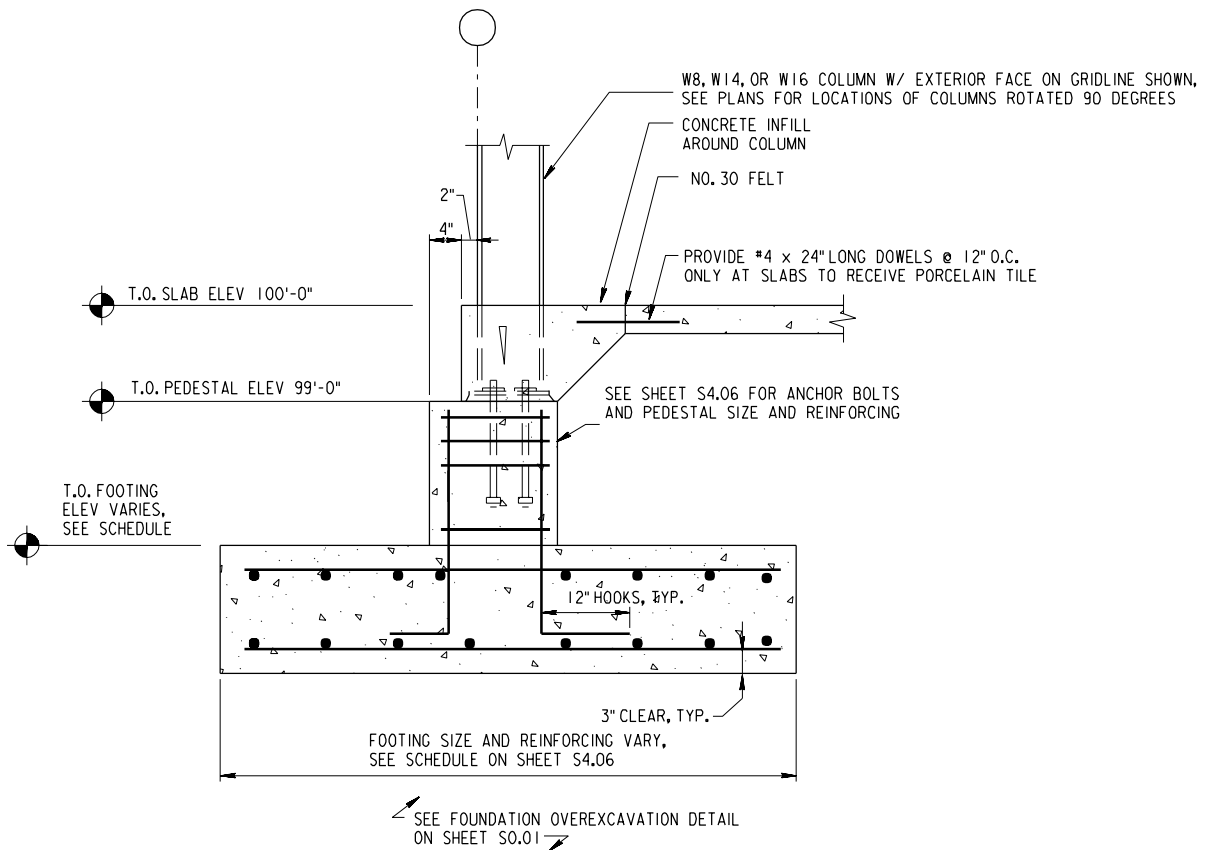
NO SCALE

**SHEET S4.09 AMENDMENT #0004**  
**NEW DRAWING ADDED 5-23-03**



## PLAN

NO SCALE



THIS DETAIL APPLIES TO COLUMNS AT THE FOLLOING GRIDLINES:  
4-B, 4.1-A, 4.1-B, 4.4-A, 6-A, 6-B, 6.1-H, 7-H.1, 7-J, 7.2-H, 8-B, 8-B.2, 8-B.5, 8-C, 8.5-D, 8.5-H, 9-C, 9-C.1, 9-C.2, 9-C.4, 10-D, 10-E, 10.1-D, 10.1-E, 10.2-D.1, 10.2-D.5, AND 11-D.3,



## **COLUMN FOOTING AND PEDESTAL SECTION AT EXTERIOR COLUMNS NOT ON RAISED PEDESTALS**

NO SCALE

### NOTES:

1. PEDESTAL DETAILS ON THIS SHEET ARE APPLICABLE ONLY AT THE COLUMN GRIDLINE LOCATIONS INDICATED. SEE SHEET S4.06 FOR OTHER COLUMNS ON RAISED PEDESTALS.